

For OA•AV

## SURFACE MOUNT TYPE CRYSTAL UNITS / NX1255GB · NX1255GC

This is crystal unit optimum for audio, visual and office automation applications, meeting the requirements, starting from a low frequency.

### ■ Features

- Excellent electric performance optimum for OA (office automation) and AV (audio & visual) applications are exhibited.
- Excellent heat resistance and environmental characteristics.
- An enriched assortment of frequencies are prepared from a low frequency 3.5MHz.
- Products are lead-free. These can meet requirements of re-flow profiling using lead-free solder.
- NX1255GC is a low-height type (1.8mm high), and ideal for uses such as a PDA.



### ■ Specification

Item \ Type	NX1255GB · NX1255GC			
Frequency Range	3.5 ~ 4 MHz	4 ~ 8 MHz	8 ~ 12 MHz	12 ~ 25 MHz
Overtone	Fundamental			
Frequency Tolerance (25±3°C)	± 50 × 10 <sup>-6</sup>			
Temperature Characteristics (in reference to +25°C)	± 50 × 10 <sup>-6</sup>			
Operating Temperature Range	-10 ~ +70°C			
Equivalent Series Resistance	150 Ω max	120 Ω max	80 Ω max	50 Ω max
Drive Level	100 μW (500 μW max)			
Standard Load Capacitance	12pF			
Operable Temperature Range	-40 ~ +125°C			

### Typical Frequency (MHz)

	3.579545	3.6864	4.0	4.194304	4.332	4.8	4.9152	5.0
	6.0	6.144	6.6128	7.2	7.3728	7.68	7.9488	8.0
	9.8304	10.0	10.26	11.0592	12.0	13.5	14.31818	15.0
	16.0	16.9344	17.7344	18.432	19.6608	20.0	24.0	24.576

### ■ Dimensions

